

Appl. No. 10/627,011
Amdt. dated June 14, 2006
Reply to Office Action of March 16, 2006
Attorney Docket No. AUS920030240US1

AMENDMENT

Please amend the above-identified application as follows:

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer implemented method for administering networked household devices, the method comprising:

receiving a plurality of user metrics;

creating a relational metric in dependence upon the plurality of user metrics;

creating a user metric vector comprising at least one user metric and at least one relational metric;

creating a user metric space comprising a plurality of metric ranges;

determining whether the user metric vector is outside the user metric space;

if the user metric vector is outside a user metric space, identifying an action to set the value of an attribute of the networked household device; and

executing the action setting the value of an attribute of the networked household device.

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2. (Original) The method of claim 1 wherein creating a relational metric in dependence upon the plurality of user metrics comprises filtering the user metrics.
3. (Original) The method of claim 2 wherein creating a relational metric in dependence upon the plurality of user metrics comprises determining a relationship between a first filtered user metric and a second filtered user metric.
4. (Original) The method of claim 3 wherein determining a relationship between a first filtered user metric and a second filtered user metric comprises comparing a first filtered user metric with a second filtered user metric.
5. (Original) The method of claim 3 wherein creating a relational metric in dependence upon the plurality of user metrics comprises determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.
6. (Original) The method of claim 1 wherein creating relational metric in dependence upon the plurality of user metrics comprises determining whether the plurality of user metrics match a predefined metric pattern.
7. (Original) The method of claim 6 comprising retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.
8. (Original) The method of claim 1 wherein creating a user metric vector comprising at least one user metric and at least one relational metric comprises associating at least one user metric with the user metric vector and associating at least one relational metric with the user metric vector.
9. (Original) The method of claim 1, wherein identifying an action comprises:

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determining a user's location; and

selecting an action ID in dependence upon the user's location.

10. (Original) The method of claim 9, wherein identifying an action comprises:

determining user movement; and

selecting an action ID in dependence upon the user movement.

11. (Currently Amended) A system for administering networked household devices, the system comprising:

a computer processor;

a computer memory operatively coupled to the computer processor, the computer memory having disposed within it computer program instructions capable of:

~~means for~~ receiving a plurality of user metrics;

~~means for~~ creating a relational metric in dependence upon the plurality of user metrics;

~~means for~~ creating a user metric vector comprising at least one user metric and at least one relational metric;

~~means for~~ creating a user metric space comprising a plurality of metric ranges;

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~~means for~~ determining whether the user metric vector is outside the user metric space;

if the user metric vector is outside a user metric space, ~~means for~~ identifying an action to set the value of an attribute of the networked household device; and

~~means for~~ executing the action setting the value of an attribute of the networked household device.

12. (Currently Amended) The system of claim 11 wherein ~~means for~~ computer program instructions capable of creating a relational metric in dependence upon the plurality of user metrics comprises means for computer program instructions capable of filtering the user metrics.
13. (Currently Amended) The system of claim 12 wherein ~~means for~~ computer program instructions capable of creating a relational metric in dependence upon the plurality of user metrics comprises means for computer program instructions capable of determining a relationship between a first filtered user metric and a second filtered user metric.
14. (Currently Amended) The system of claim 13 wherein ~~means for~~ computer program instructions capable of determining a relationship between a first filtered user metric and a second filtered user metric comprises means for computer program instructions capable of comparing a first filtered user metric with a second filtered user metric.
15. (Currently Amended) The system of claim 13 wherein ~~means for~~ computer program instructions capable of creating a relational metric in dependence upon the plurality of user metrics comprises means for computer program instructions

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capable of determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.

16. (Currently Amended) The system of claim 11 wherein ~~means for computer~~ program instructions capable of creating relational metric in dependence upon the plurality of user metrics comprises ~~means for computer program instructions~~ capable of determining whether the plurality of user metrics match a predefined metric pattern.
17. (Currently Amended) The system of claim 16 ~~comprising means for wherein the~~ computer memory also has disposed within it computer program instructions ~~capable of~~ means for retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.
18. (Currently Amended) The system of claim 11 wherein ~~means for computer~~ program instructions capable of creating a user metric vector comprising at least one user metric and at least one relational metric comprises ~~means for computer~~ program instructions capable of associating at least one user metric with the user metric vector and means for associating at least one relational metric with the user metric vector.
19. (Currently Amended) The system of claim 11, wherein ~~means for computer~~ program instructions capable of identifying an action comprises:

means for computer program instructions capable of determining a user's location; and

means for computer program instructions capable of selecting an action ID in dependence upon the user's location.

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20. (Currently Amended) The ~~system method~~ of claim 19, wherein ~~means for~~
computer program instructions capable of identifying an action comprises:
- ~~means for computer program instructions capable of determining user movement;~~
and
- ~~means for computer program instructions capable of selecting an action ID in~~
dependence upon the user movement.
21. (Currently Amended) A computer program product for administering networked
household devices, the computer program product disposed in a recording
medium, the computer program product comprising:
- ~~a recording medium;~~
- ~~means, recorded on the recording medium, for computer program instructions for~~
receiving a plurality of user metrics;
- ~~means, recorded on the recording medium, for computer program instructions for~~
creating a relational metric in dependence upon the plurality of user metrics;
- ~~means, recorded on the recording medium, for computer program instructions for~~
creating a user metric vector comprising at least one user metric and at least one
relational metric;
- ~~means, recorded on the recording medium, for computer program instructions for~~
creating a user metric space comprising a plurality of metric ranges;
- ~~means, recorded on the recording medium, for computer program instructions for~~
determining whether the user metric vector is outside the user metric space;

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if the user metric vector is outside a user metric space, ~~means, recorded on the recording medium, for computer program instructions for identifying an action to set the value of an attribute of the networked household device;~~ and

~~means, recorded on the recording medium, for computer program instructions for executing the action setting the value of an attribute of the networked household device;~~

22. (Currently Amended) The computer program product of claim 21 wherein ~~means, recorded on the recording medium, for computer program instructions for creating a relational metric in dependence upon the plurality of user metrics comprises means, recorded on the recording medium, for computer program instructions for filtering the user metrics.~~
23. (Currently Amended) The computer program product of claim 22 wherein ~~means, recorded on the recording medium, for computer program instructions for creating a relational metric in dependence upon the plurality of user metrics comprises means, recorded on the recording medium, for computer program instructions for determining a relationship between a first filtered user metric and a second filtered user metric.~~
24. (Currently Amended) The computer program product of claim 23 wherein ~~means, recorded on the recording medium, for computer program instructions for determining a relationship between a first filtered user metric and a second filtered user metric comprises means, recorded on the recording medium, for computer program instructions for comparing a first filtered user metric with a second filtered user metric.~~

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25. (Currently Amended) The computer program product of claim 23 wherein ~~means, recorded on the recording medium, for computer program instructions for~~ creating a relational metric in dependence upon the plurality of user metrics comprises ~~means, recorded on the recording medium, for computer program instructions for~~ determining a magnitude of the relationship between the first filtered user metric and the second filtered user metric.
26. (Currently Amended) The computer program product of claim 25 wherein ~~means, recorded on the recording medium, for computer program instructions for~~ creating relational metric in dependence upon the plurality of user metrics comprises ~~means, recorded on the recording medium, for computer program instructions for~~ determining whether the plurality of user metrics match a predefined metric pattern.
27. (Currently Amended) The computer program product of claim 26 comprising ~~means, recorded on the recording medium, for computer program instructions for~~ retrieving a relational metric, if the plurality of user metrics match the predefined metric pattern.
28. (Currently Amended) The computer program product of claim 21 wherein ~~means, recorded on the recording medium, for computer program instructions for~~ creating a user metric vector comprising at least one user metric and at least one relational metric comprises ~~means, recorded on the recording medium, for computer program instructions for~~ associating at least one user metric with the user metric vector and ~~means, recorded on the recording medium, for computer program instructions for~~ associating at least one relational metric with the user metric vector.

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29. (Currently Amended) The computer program product of claim 21, wherein ~~means, recorded on the recording medium, for computer program instructions for~~ identifying an action comprises:

~~means, recorded on the recording medium, for computer program instructions for~~
determining a user's location; and

~~means, recorded on the recording medium, for computer program instructions for~~
selecting an action ID in dependence upon the user's location.

30. (Currently Amended) The computer program product of claim 29, wherein ~~means, recorded on the recording medium, for computer program instructions for~~ identifying an action comprises:

~~means, recorded on the recording medium, for computer program instructions for~~
determining user movement; and

~~means, recorded on the recording medium, for computer program instructions for~~
selecting an action ID in dependence upon the user movement.